

Abstract

A steering system has a wheel (38) which rolls on an underlying surface (U) and which can be steered about a wheel steering axis (34) which is orthogonal with respect to the underlying surface (U), the rolling direction being determined by a wheel steering angle which describes the rotational position of the wheel (38) about the wheel steering axis (34). Furthermore, the steering system has a steering force coupling-in part (13) for coupling a steering force into the steering system and a steering force transmission device (28) for transmitting the steering force to the wheel (38), and, furthermore, a steering angle limiting device (40, 42a, 42b, 50) which can be switched between an active state and an inactive state, limits the wheel steering angle at least to a wheel steering angle range in the active state and does not limit the wheel steering angle of the wheel (38) in the inactive state. According to the invention, the steering angle limiting device (40, 42a, 42b, 50) comprises a brake (40) which, in the active state of the steering angle limiting device (40, 42a, 42b, 50), generates a brake force which limits a rotation of the wheel (38) about the wheel steering axis (34) to the predefined wheel steering angle range.

(Figure 1)